

DECLARATION AND POWER OF ATTORNEY

I, HOWARD N. CANNON, declare that I am a citizen of the United States of America, residing at San Jose, California, and that I believe I am one of the original, first, and joint inventors together with MICHAEL G. CRONIN, MICHAEL F. HOPKINS AND IGOR (NMI) STRASHNY of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPERATOR INTERFACE SYSTEM

the specification of which was filed in the United States Patent and Trademark Office on December 22, 2000, as Application No. 60/258,177.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in §1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint James R. Smith, Patent Office Reg. No. 41,318, telephone (309) 636-1569, J. Wesley Blumenshine, Patent Office Reg. No. 32,399, telephone (309) 675-5537, J. W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, and Dennis C. Skarvan, Patent Office Reg. No. 35,360, telephone (309) 675-6060, my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to: James R. Smith, Caterpillar Inc., Intellectual Property Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



HOWARD N. CANNON

9/19/01
Date

Post Office Address:

~~1551 Brenner Way~~

~~San Jose, California 95118~~

616 Heatherkirk Court

San Jose, CA 95123

DECLARATION AND POWER OF ATTORNEY

I, MICHAEL G. CRONIN, declare that I am a citizen of the United States of America, residing at Peoria, Illinois, and that I believe I am one of the original, first, and joint inventors together with HOWARD N. CANNON, MICHAEL F. HOPKINS AND IGOR (NMI) STRASHNY of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPERATOR INTERFACE SYSTEM

the specification of which was filed in the United States Patent and Trademark Office on December 22, 2000, as Application No. 60/258,177.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in §1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint James R. Smith, Patent Office Reg. No. 41,318, telephone (309) 636-1569, J. Wesley Blumenshine, Patent Office Reg. No. 32,399, telephone (309) 675-5537, J. W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, and Dennis C. Skarvan, Patent Office Reg. No. 35,360, telephone (309) 675-6060, my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to: James R. Smith, Caterpillar Inc., Intellectual Property Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Michael G. Cronin 21 Sep 01
MICHAEL G. CRONIN Date

Post Office Address:

5739 W. Martindale Lane
Peoria, Illinois 61615-9669

DECLARATION AND POWER OF ATTORNEY

I, MICHAEL F. HOPKINS, declare that I am a citizen of the United States of America, residing at Batavia, Illinois, and that I believe I am one of the original, first, and joint inventors together with HOWARD N. CANNON, MICHAEL G. CRONIN AND IGOR (NMI) STRASHNY of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPERATOR INTERFACE SYSTEM

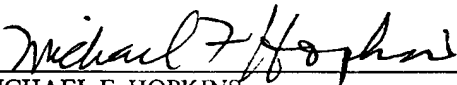
the specification of which was filed in the United States Patent and Trademark Office on December 22, 2000, as Application No. 60/258,177.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in §1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint James R. Smith, Patent Office Reg. No. 41,318, telephone (309) 636-1569, J. Wesley Blumenshine, Patent Office Reg. No. 32,399, telephone (309) 675-5537, J. W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, and Dennis C. Skarvan, Patent Office Reg. No. 35,360, telephone (309) 675-6060, my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to: James R. Smith, Caterpillar Inc., Intellectual Property Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


 MICHAEL F. HOPKINS _____ Date
 Post Office Address:
 240 Sauk Drive
 Batavia, Illinois 60510-8654

DECLARATION AND POWER OF ATTORNEY

I, IGOR (NMI) STRASHNY, declare that I am a citizen of the United States of America, residing at Peoria, Illinois, and that I believe I am one of the original, first, and joint inventors together with HOWARD N. CANNON, MICHAEL G. CRONIN AND MICHAEL F. HOPKINS of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPERATOR INTERFACE SYSTEM

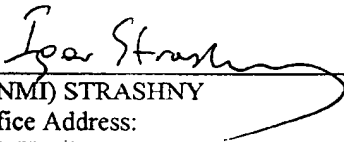
the specification of which was filed in the United States Patent and Trademark Office on December 22, 2000, as Application No. 60/258,177.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in §1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint James R. Smith, Patent Office Reg. No. 41,318, telephone (309) 636-1569, J. Wesley Blumenshine, Patent Office Reg. No. 32,399, telephone (309) 675-5537, J. W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, and Dennis C. Skarvan, Patent Office Reg. No. 35,360, telephone (309) 675-6060, my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to: James R. Smith, Caterpillar Inc., Intellectual Property Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

 09/24/01
 IGOR (NMI) STRASHNY Date
 Post Office Address:
 1422 E. Hendryx Place
 Peoria, Illinois 61615-9558